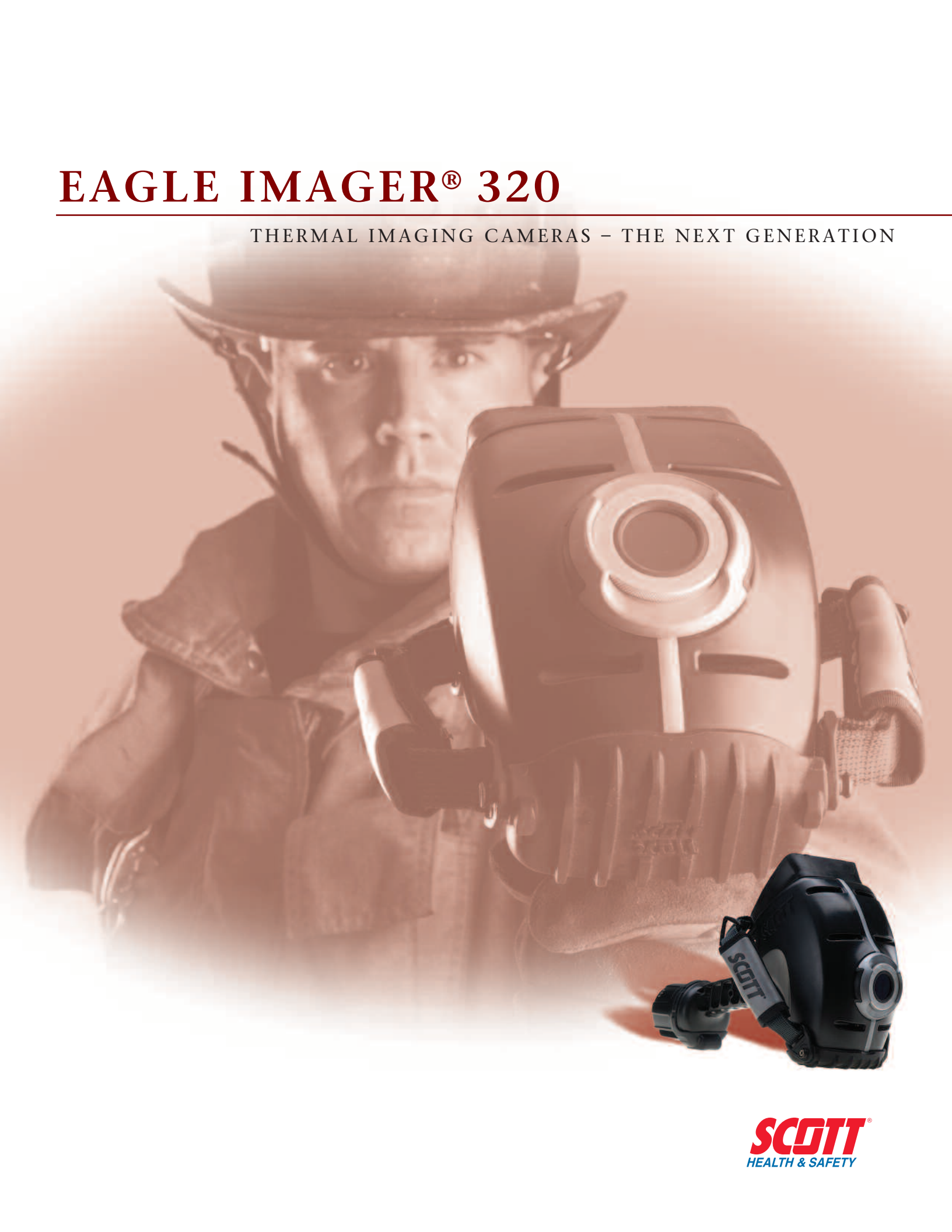
EAGLE IMAGER® 320

THERMAL IMAGING CAMERAS – THE NEXT GENERATION



SCOTT® HEALTH & SAFETY

VISIBLY CHANGING THI

THE EAGLE IMAGER® 320, THE DIFFERENCE I

Scott Eagle Imager® Thermal Imaging Cameras

Since the introduction of thermal imaging technology to the fire service, Scott has been a leader in providing the most advanced, fire-ground proven thermal cameras to first responders for use in search and rescue, overhaul operations, and hot spot identification. Now, Scott adds to its family of thermal cameras with the new Eagle Imager 320 – a step ahead in thermal imaging technology with the trusted name of Scott behind it.

Eagle Imager 320

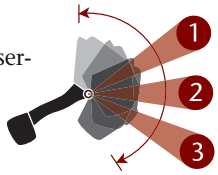
The Scott Eagle Imager 320 thermal imaging camera incorporates the same advanced design concepts developed for the popular Eagle Imager 160 camera, and we have added the most advanced technological features available today – all while maintaining the reliability, durability and functionality of a Scott thermal imaging camera.

Dependable New A-Si Technology

The heart of the Eagle Image 320 thermal imaging camera is an amorphous silicone (a-Si) camera core capable of producing vivid imagery under a variety of conditions. Its 1,100° dynamic range generates highly detailed images that enable quick and easy scene interpretation and eliminates white out, ghosted images or other distracting image artifacts. A wide dynamic range permits the user to see a firefighter standing next to or behind flame.

Ergonomic Multi-Position Handle

The camera's ergonomic qualities include the unique user-selectable handle positioning that permits adjustability to three different positions (standing, crawling and hands-free) for use in virtually any condition.



1 – Crawling

2 – Hands Free

3 – Hands On

Twist-Change Battery & Quick, Simple Hand-Off

The Eagle Imager 320 camera's battery features one-way on, large-scale threading for fast battery replacement. The camera's robust 9-volt nickel metal hydride battery offers over four and a half hours of run time. Designed for ease of use with gloved hands, the Eagle Imager 320 camera may be handed off from one firefighter to another by grasping its handle, side straps or battery compartment.

Twist Change Battery

E FIRE SERVICE

S IN THE DETAIL

Large LCD Display with Zoom

The camera's 4-inch (10.16 cm) wide diagonal LCD viewing screen is designed for optimal viewing and maximum scene detail. An additional zoom-in feature allows for 1x, 2x, and 4x magnification of a scene to help distinguish between objects or temperatures. On-screen graphic icons indicate camera modes and battery life.

Tactile 2-Button Control

Engineered for maximum simplicity, the Eagle Imager 320 thermal imaging camera is operated by using just two buttons conveniently located between the handle and screen, and capable of being easily manipulated by a user wearing gloves.

On-Screen Temperature Readout

The Eagle Imager 320 camera's on-screen temperature readout (in either °F or °C) is standard with both a digital and a bar graph indicator. ***Temperature awareness colorization™ (TAC)*** identifies temperatures in certain ranges (yellow > 200°F, orange > 500°F, red > 800°F), providing the user with color-based visual indicators that help a firefighter quickly analyze the environment, while providing a clear grey scale image for the rest of the objects in view. The ***Max Temp™*** indicator, displayed in all operating modes, identifies the temperature of the hottest object within the camera's viewing area. An ***overhaul mode*** identifies background temperatures above the median to assist with hot spot localization. Spot temperature measurements are easily interpreted with the bar graph and digital temperature readouts.

Two-Channel Transmitter

The Eagle Imager 320 thermal imaging camera is available with a two-channel transmitter that permits wireless transmission of images to a remote receiver station and monitor.

Eagle Imager 320

EAGLE IMAGER 320 ENHANCED FEATURES:

- **New Icon Indicators -** Eliminates confusion over text misinterpretation
- **New TAC Mode -** Identifies temperatures in certain ranges by color

On-Screen Icon

- **New Overhaul Mode -** Identifies background temperatures above the median to assist with hot spot localization

On-Screen Icon

- **Max Temp Indicator -** Identifies the temperature of the hottest object within the area
- **Tumble Tested -** Continuously for over thirty minutes
- **Improved Drop Performance -** Achieved test rating of over 6 feet on all axis

EAGLE IMAGER 160/320 TRUCK CHARGING SYSTEM (TCS)

The Eagle Imager 160/320 Truck Charging System is designed to provide secure, firefighter-ready accessibility to your thermal imaging camera. Ready-for-action access is enhanced with full charging capabilities for the camera's on-board battery and a spare battery. Designed specifically for Scott's Eagle Imager 160/320 thermal imaging cameras, the Truck Charging System permits user-selectable vertical or horizontal mounting inside a fire apparatus. The unit may also be easily wall-mounted in the station or service room. The TCS is available with either 12-volt DC or 110-volt AC power supply adapters.

ORDERING INFORMATION

EAGLE IMAGER® 320 THERMAL IMAGING CAMERA

Eagle Imager 320 Thermal Imaging Camera

Part Number	Temperature Readout (Bar Scale and Digital)	Overhaul Mode	TAC Mode	Transmitter
200744-01	°F	X	X	
200744-02	°F	X	X	X
200744-11	°C	X	X	
200744-12	°C	X	X	X

Eagle Imager 160/320 Truck Charging System (TCS) and Accessories

Part Number	Description
200235-01	12 volt DC TCS includes mounting kit, neck strap and spare battery
200235-02	110 volt AC TCS includes mounting kit, neck strap and spare battery
40015093	TCS Mounting Kit
200158-01	Spare NiMH Battery
40014453	Neck/Shoulder Strap

Eagle Imager 160/320 Carrying Case and Accessories

Part Number	Description
200199-01	Carrying case includes spare battery, neck strap, charging cradle & adapters
200158-01	Spare NiMH Battery
40014453	Neck/Shoulder Strap
31000283	Charging Cradle
31000366	AC Adapter
31000488	DC Adapter

Training For All Thermal Imagers

Scott Eagle Imager thermal imaging cameras can be an invaluable tool in your firefighting operations. It is important that your camera operators obtain safe and effective training. Thermal imaging training, conducted by experienced and professional firefighters, may be arranged with:

Safe-IR, Inc.
P.O. Box 297
Montgomery, NY 12549
Tel: 845-457-2421
Toll Free: 877-472-3347
Fax: 845-457-2422
Email: info@safe_ir.com

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